



ORBITALA

who dares wins

PRODUCT: STYPHNIC ACID

Chemical name: 2,4,6-trinitro-1,3-dehydroxybenzene

Chemical formula: $C_6H_3N_3O_8$

MIL SPEC: MIL-T-50611

CAS number: 82-71-3

Purity: ≥ 97

UN number: UN0219

Class: 1.4

CHARACTERISTIC:

No.	Test	n	Nominal value	Unit
1	Color yellowish	1	o.k.	
2	Melting point -5°C / min.; 2 mg	1	$\geq 448,0$	K
3	Purity	1	$\geq 98,0$	%
4	Chloride	1	$\leq 0,005$	%
5	Solubility in H2O completely	1	o.k.	
6	Solubility in H2O/MgO completely	1	o.k.	
7	Impact sensitivity at 1 kg / 35 cm	10		



USES:

In the manufacture of dyes, pigments, inks, medicines, and explosives such as lead styphnate.